

**Notice of Allowability**

Application No.

09/987,068

Examiner

TUAN A PHAM

Applicant(s)

CHEN, TONNY

Art Unit

2643

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/02/2004.
2. ☒ The allowed claim(s) is/are 2 and 3.
3. ☒ The drawings filed on 13 November 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*George Eng*  
**GEORGE ENG**  
**PRIMARY EXAMINER**

## **DETAILED ACTION**

### **REASONS FOR ALLOWANCE**

1. Claims 2-3 are allowed over the prior art of record.
2. The following is an examiner's statement of reasons for allowance:

The applicant's remarks filed on 12/02/2004 have been carefully reviewed with update search. Consequently, allowances of claims 2-3 are set forth in according to the applicant's remarks stated on pages 5-6.

The prior art made of record fails to teach or suggest, the arrangement of a connector device for wirelessly connecting a mobile phone and a hand-free handset, comprising: a first connector coupling with the mobile phone; and a second connector coupling with the hand-free handset for transmitting signals between the mobile phone and the hand-free handset through the first connector in a wireless fashion, wherein the first connector includes a first radio transmitting and receiving unit, a first antenna, a first modulation/demodulation unit, a first control unit, a first memory unit, a first processing unit, and a first connection interface; wherein the first radio transmitting and receiving unit is controlled by the first control unit for receiving radio signals from the second connector and for emitting signals output by the first modulation/demodulation unit through the first antenna to the second connector; the first antenna receives and transmits radio signals; the first modulation/demodulation unit is controlled by the first control unit to modulate output signals from the first processing unit and transfer to the

first radio transmitting and receiving unit, and to demodulate radio signals received from the first radio transmitting and receiving unit and transfer to the first processing unit for processing; the first control unit controls and coordinates all other units in the first connector; the first memory unit stores set values of the first connector and temporarily stores the received and transmitted radio signals; the first processing unit is controlled by the first control unit for processing audio voice and control data of the mobile phone and providing to the first modulation/demodulation unit; and the first connection interface allows a signal terminal of the mobile phone connecting the first connector, and is selectively a signal line or a socket, in combination with other limitations, as specified in the independent claims 2 and 3.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tuan A. Pham** whose telephone number is (703) 305-4987. The examiner can normally be reached on Monday through Friday, 8:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Curtis Kuntz can be reached on (703) 305-4708 and

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Any response to this action should be mailed to:

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Washington, D.C. 20231

Or faxed to:

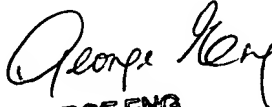
(703) 872-9306

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal  
Drive, Arlington VA, Sixth Floor (Receptionist, tel. No. 703-305-4700).

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you have question on access to the Private PAIR system, contact the Electronic  
Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit 2643  
December 14, 2004  
Examiner

Tuan Pham

  
**GEORGE ENG**  
**PRIMARY EXAMINER**